| FORM P  | FO-1390      | U.S. DEPARTMENT OF COMM   | RCE PATENT AND TRADEMARK OFFICE                   | DATE: \ OO o                                   |  |  |  |  |  |  |  |  |
|---|--------------|---|---|--|--|--|--|--|--|--|--|--|
| (REV 10-  |              |   | DATE: 27, 2006                                    |  |  |  |  |  |  |  |  |  |
|   |              | TRANSMITTAL LETTER TO DESIGNATED/ELECTED  | ATTORNEY DOCKET NUMBER                            |  |  |  |  |  |  |  |  |  |
|   |              | CONCERNING A FILING U   |   | 59536US014                                     |  |  |  |  |  |  |  |  |
|   |              |   | U.S. APPLICATION NO. (if known, see 37 CFR § 1.5) |  |  |  |  |  |  |  |  |  |
|   |              |   |   |  |  |  |  |  |  |  |  |  |
| INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PRIORITY DATE CLAIMED   |              |   |   |  |  |  |  |  |  |  |  |  |
|   | <del> </del> | 05/000105   | 27/01/2004  |  |  |  |  |  |  |  |  |  |
| TITLE OF INVENTION FILLING MATERIALS  |              |   |   |  |  |  |  |  |  |  |  |  |
| APPLICANT(S) FOR DO/EO/US   |              |   |   |  |  |  |  |  |  |  |  |  |
| Nathan K. Hagen, David R. Hague, Chad D. Mistele, Mark E. Napierala, Mario A. Perez, Bhaskar V.                                 |              |   |   |  |  |  |  |  |  |  |  |  |
| Velamakanni and James K. Young  |              |   |   |  |  |  |  |  |  |  |  |  |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: |              |   |   |  |  |  |  |  |  |  |  |  |
| 1. This is a FIRST submission of items concerning a filing under 35 USC § 371.  |              |   |   |  |  |  |  |  |  |  |  |  |
| 2.  |              | This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 USC § 371.  |   |  |  |  |  |  |  |  |  |  |
| 3.  |              | This is an express request to begin national examination procedures (35 USC § 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.                          |   |  |  |  |  |  |  |  |  |  |
| 4.  |              | The US has been elected (Article 31).   |   |  |  |  |  |  |  |  |  |  |
| 5.  | $\boxtimes$  | A copy of the International Applic  | cation as filed (35 USC § 371(c)(2)).             |  |  |  |  |  |  |  |  |  |
|   | a.           | is attached hereto (required  | only if not communicated by the Interna           | tional Bureau).                                |  |  |  |  |  |  |  |  |
|   | b.           |   |   |  |  |  |  |  |  |  |  |  |
|   | C.           | is not required, as the application was filed in the United States Receiving Office (RO/US)   |   |  |  |  |  |  |  |  |  |  |
| 6.  |              | An English language translation of the International Application as filed (35 USC § 371(c)(2)).   |   |  |  |  |  |  |  |  |  |  |
|   | a.<br>h      | is attached hereto  | ed under 35 USC 8 154(d\/4)                       |  |  |  |  |  |  |  |  |  |
| <b>7</b> .  | b.           | has been previously submitted under 35 USC § 154(d)(4)  Amendments to the claims of the International Application under BCT Article 19 (35 USC § 371(c)(3))                               |   |  |  |  |  |  |  |  |  |  |
| ۲.  | a.           | Amendments to the claims of the International Application under PCT Article 19 (35 USC § 371(c)(3))  are attached hereto (required only if not communicated by the International Bureau). |   |  |  |  |  |  |  |  |  |  |
|   | b.           | have been communicated by the International Bureau  |   |  |  |  |  |  |  |  |  |  |
|   | C.           | have not been made; however, the time limit for making such amendments has NOT expired  |   |  |  |  |  |  |  |  |  |  |
|   | d.           | have not been made and will not be made.  |   |  |  |  |  |  |  |  |  |  |
| 8.  |              | An English language translation of the amendments to the claims under PCT Article 19 (35 USC § 371(c)(3)).  |   |  |  |  |  |  |  |  |  |  |
| 9.  |              | An oath or declaration of the inventor(s) (35 USC § 371 (c)(4)).  |   |  |  |  |  |  |  |  |  |  |
| 10.   |              | An English language translation Article 36 (35 USC §§ 371(c)(5))  | of the annexes to the International Preli         | minary Examination Report under PCT            |  |  |  |  |  |  |  |  |
| Items   | 11 to        | 20 below concern document(s   | ) or information included:                        |  |  |  |  |  |  |  |  |  |
| 11.   |              | An Information Disclosure Stater  | ment under 37 CFR §§ 1.97 and 1.98.               |  |  |  |  |  |  |  |  |  |
| 12.   | $\boxtimes$  | An assignment to 3M Innovative Properties Company will follow.  |   |  |  |  |  |  |  |  |  |  |
| 13.   | $\boxtimes$  | A preliminary amendment.  |   |  |  |  |  |  |  |  |  |  |
| 14.   |              | An Application Data Sheet under 37 CFR § 1.76.  |   |  |  |  |  |  |  |  |  |  |
| 15.   |              | A substitute specification.   |   |  |  |  |  |  |  |  |  |  |
| 16.   |              | A power of attorney and/or change of address letter.  |   |  |  |  |  |  |  |  |  |  |
| 17.   |              | A computer-readable form of the 1.825.  | sequence listing in accordance with PC            | CT Rule 13 <i>ter</i> .2 and 37 CFR §§ 1.821 — |  |  |  |  |  |  |  |  |
| 18.   |              | A second copy of the published  | international application under 35 USC            | § 154(d)(4).                                   |  |  |  |  |  |  |  |  |
| 19.   |              | A second copy of the English language translation of the international application under 35 USC § 154(d)(4).  |   |  |  |  |  |  |  |  |  |  |
| 20.   |              | Other items or information:   |   |  |  |  |  |  |  |  |  |  |

| U.S. APPL                                | N. NO. (if known, s                                       | ee 37 CFR § 1.5):  |   | TERNATIONAL A<br>CT/US2005/000                |                        | ATTORNEY'S DO 59536US014                   | CKET NO.:                               |
|--|---|--|---|---|------------------------|--|---|
| T  | he following fe   | es will be paid  |   |   |                        | Calculations                               | PTO Use Only                            |
|  | Basic national  | •  |   |   |                        | 300  |   |
|  | Examination fe  | -  |   |   |                        |  |   |
| If the writte<br>report pro<br>PCT Artic | n opinion prepare epared by IPEA/Ucle 33(1)-(4)           | d by ISA/US or th<br>IS indicates all cla  | ne internation<br>aims satisfy p        | provisions of                                 | \$0                    |  |   |
| All other sit                            | uations   |  | *************************************** |   | \$200                  | 200  |   |
| W  | Search fee (37  | • 4•   |   |   |                        |  |   |
| report pro                               | n opinion prepare<br>epared by IPEA/U<br>cle 33(1)-(4)    |  |   |   |                        |  |   |
|  | (37 CFR 1.445(a)<br>as an Internationa                    |  |   |   |                        |  |   |
| International Office or                  | al Search Report  <br>previously commi<br>uations         | 400  |   |   |                        |  |   |
|  |   |  |   |   |                        |  |   |
|  | TOTAL OF 21,  | 22 and 23=   |   |   |                        | \$900.00                                   |   |
|  | Additional fee for s sequence or comp for each additional |  |   |   |                        |  |   |
| Fee Calc                                 | Number Filed  | (Minus 25%)<br>EFS Filing  | Minus 100                               | Calc.Extra                                    | Rate (for ea.add'l 50) | Fees                                       |   |
| Application<br>Size Fee                  | 24  | Number in B<br>multipled by .75  | delete 100<br>from C                    | Divide D by 50<br>(round up to<br>nearest 50) | \$250.00               | \$0.00                                     |   |
| earliest clai                            | of \$130.00 for furnmed priority date                     | (37 CFR § 1.492  | (e)).                                   |   |                        |  |   |
| CLAIMS                                   |   | NUMBER   |   | EXTRA   | RATE                   | Fees                                       |   |
| Total claim                              |   | 23   | - 20 =                                  | 3   | x \$50.00              | \$150.00                                   |   |
| Independe                                |   | 2  | - 3 =                                   | 0   | x \$200.00             | \$0.00                                     |   |
| Add't fee to                             | or one or more n  | nuitipie depende   | ent claims                              | Total A                                       | \$360.00<br>mount Due  | \$0.00<br><b>\$1,050.00</b>                |   |
|  | cant claims small   | \$0.00   |   |   |                        |  |   |
|  |   |  |   | SI  | JBTOTAL =              | \$1,050.00                                 | *************************************** |
| _  | fee of <b>\$130.00</b> for<br>rliest priority date        | The section of the se | \$0.00                                  |   |                        |  |   |
|  |   |  | 1-2-16-                                 | TOTAL NATIO                                   |                        |  |   |
|  | ding the enclosed a                                       |  | R §§ 3.28, 3.3                          | 1). <b>\$40.00</b> per prop                   | erty                   | \$0.00                                     |   |
| ••••••                                   |   |  | T                                       | OTAL FEES EN                                  | ICLOSED =              |  |   |
|  |   |  |   |   |                        | Amount to be refunded:                     | \$                                      |
|  |   |  |   |   |                        | Amount to be                               | \$1,050.00                              |
|  |   |  |   | · · · · · · · · · · · · · · · · · · ·         |                        | charged                                    | <b>4.,000.00</b>                        |
| a.<br>b.                                 | ☐ Please fees.  | e charge my Dep  | osit Account                            | , ,,,,  | e amount of \$         | to co                                      |   |
| C.                                       | any ov  | verpayment to De   | eposit Accour                           | nt No. <u>13-3723</u>                         |                        | es which may be re<br>etition to revive (3 |   |
|  | r (b)) must be file                                       |  |   |   |                        |  | 3                                       |
|  |   |  |   |   |                        |  | , ,                                     |
| Name:                                    |   | istration Nur  | nber:                                   |   |                        |  |   |
| JOHN A. E                                |   |  | -4-0                                    | 39,9  | 924                    |  |   |
| Address:                                 | 3M Innova<br>P.O. Box                                     | Intellectual Prop<br>ative Properties<br>33427<br>Vinnesota 55133  | Company                                 | <b>∌</b> I                                    |                        |  |   |